



Agilent Technologies

INVENTION DISCLOSURE

PAGE 1 OF

PDNo: 70021123

DATE RCVD: Sept. 29, '02 ATTORNEY: TXL

Instructions: The information contained in this document is **AGILENT CONFIDENTIAL** and may not be disclosed to others without prior authorization. Submit this document to the Agilent Technologies Asia Pacific Legal Department in Singapore as soon as possible. **No patent protection is possible until a detailed patent application is authorized, prepared, and submitted.**

Descriptive Title of Invention (less than 20 words):

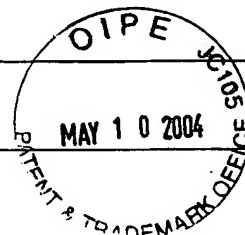
Absolute Encoding using less photodiode/codewheel tracks

Name of Agilent Technologies Division/Lab and related Project:

Motion Control

Related Product Name/Number (if known):

N/A



IMPORTANT! Anticipated date and location of all the following (if applicable):

- i) First publication or disclosure outside Agilent Technologies of information describing the invention
- ii) First demonstration or use of prototype embodying the invention to non-Agilent personnel
- iii) Release of product embodying the invention

(If any of the above situations have already occurred or will occur within 3 months, call your Agilent IP attorney)

NB. Public disclosure prior to filing a patent application at a Patent Office destroys the chance of patenting in most countries

Contractual aspects:

If the invention was made other than in the course of normal in-house Agilent R&D please give brief details, for example if the invention was made:

- i) In a joint R&D programme with a vendor, university or partner
- ii) During the course of developing a product for a particular customer

Description of Invention (on separate sheets):

Please preserve all records of the invention and supply a brief description covering:

- A. Technical problem addressed by the invention
- B. Prior solutions (if any) and their disadvantages
- C. Solution offered by the invention and advantages of the invention over what has been done before
- D. Brief description of how to implement the invention (please include diagrams, preferably line drawings, but avoid colour)

For Each Inventor Please Append The Following Information:

Use continuation sheet for additional inventors

Please make clear and provide details if: (1) any non-Agilent personnel is involved, or (2) any inventor does NOT live in the same country as the relevant division, or (3) the invention was made (conceived) in another country (e.g. US)

INVENTOR #1

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2800 Motion Control			

(To locate your IP Attorney call James Seymour, Telnet 215-8691, or consult the Agilent Legal Dept web page – <http://legal.agilent.com/>)

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**Agilent Technologies****AUTHORIZATION**

CALVIN B. WARD is authorized to sign Declaration and Power of Attorney for
S/B 70021123-1
Agilent Patent Application Docket No. 10021123-1, Serial No. 10/692,867 on behalf of
Agilent Technologies, Inc.

JOHN L. IMPERATO
Senior Attorney
Agilent Technologies, Inc.

Subj: **first draft of encoder patent application**
Date: 8/11/2003
To: yeo@diyparadise.com
File: **T:\snap1\NDRIVE\CLIENTS\CBW\HP\Malaysia\c#6458\F#54533\firstdr_Email.doc** (171008 bytes) DL Time (32000 bps): < 1 minute

See Attached Word File.

Calvin Ward

Subj: **Re: Status of Patent Draft sent on 8/11**
Date: 9/20/2003 4:48:28 PM Pacific Standard Time
From: yeo@diyparadise.com
To: CalvinWard@cs.com
Received from Internet: [click here for more information](#)

hi calvin

the draft looks good. sorry for the late response.

yeo

CalvinWard@cs.com writes:

> I forwarded a draft of the encoder patent to you on 8/11/03. I have not had
> any response. When can I get your comments on the draft?
>
> Thanks
>
> Calvin Ward

Subj:	Formal Papers for Encoding patent application
Date:	9/24/2003
To:	yeo@diyparadise.com
File:	C:\Program Files\CompuServe 7.0\misc\temp\Assi78.ZIP (128713 bytes) DL Time (32000 bps): < 1 minute

Attached are two files that contain the formal papers needed to file the patent application. Please print them on A4 paper, sign them, and return the signed papers to me at

The Law Offices of Calvin B. Ward
18 Crow Canyon Court, Suite 305
San Ramon, CA 94583
USA

Also, please fax me a copy of the signed papers at 1-925-855-9214

Thanks

Calvin Ward

Subj:	Status of Formal Papers
Date:	10/8/2003
To:	yeo@diyparadise.com

Our records indicate that we went you the formal papers for the absolute encoder patent on 9/22. We have not yet received the executed copies. Please confirm that you received these and let us know when we can expect the signed copies. We need the signed copies as soon as possible, as these documents are holding up the filing of the applicaton.

Thanks

Calvin Ward